

*Why might the non-taster gene have evolved?*

Ability to eat more types of food

**A  
QUESTION  
OF TASTE**

*Why might the non-taster gene have evolved?*

Ability to do something else, not to do with taste

**A  
QUESTION  
OF TASTE**

*Why might the non-taster gene have evolved?*

Don't need it, can detect poisonous plants in other ways

**A  
QUESTION  
OF TASTE**

*Why might the non-taster gene have evolved?*

Aliens

**A  
QUESTION  
OF TASTE**

*Why might the non-taster gene have evolved?*

No reason

**A  
QUESTION  
OF TASTE**

*Why might the non-taster gene have evolved?*

Makes you more attractive

**A  
QUESTION  
OF TASTE**

*Why might the non-taster gene have evolved?*

Bitter tastes are horrible,  
it's better not to taste them

**A  
QUESTION  
OF TASTE**

*Why might the non-taster gene have evolved?*

Tasting wasn't the only job  
of the taster gene, can still  
do the other job without  
tasting

**A  
QUESTION  
OF TASTE**

*Why might the non-taster gene have evolved?*

Don't need the gene anymore, there are other bitter taste receptors

**QUESTION  
OF TASTE**

*Why might the non-taster gene have evolved?*

Heterozygote advantage

**QUESTION  
OF TASTE**

*Why might the non-taster gene have evolved?*

To human PTC non-tasters the plant *Antidesma bunioides* tastes bitter and to PTC tasters it tastes sweet. PTC tasting is just a side effect, it is the taste of *Antidesma bunioides* that is important.

**QUESTION  
OF TASTE**

*Why might the non-taster gene have evolved?*

**Bad reason**

**QUESTION  
OF TASTE**

*Why might the non-taster gene have evolved?*

**Good reason**

**A  
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**Good reason**

**A  
QUESTION  
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*Why might the non-taster gene have evolved?*

**Bad reason**

**A  
QUESTION  
OF TASTE**